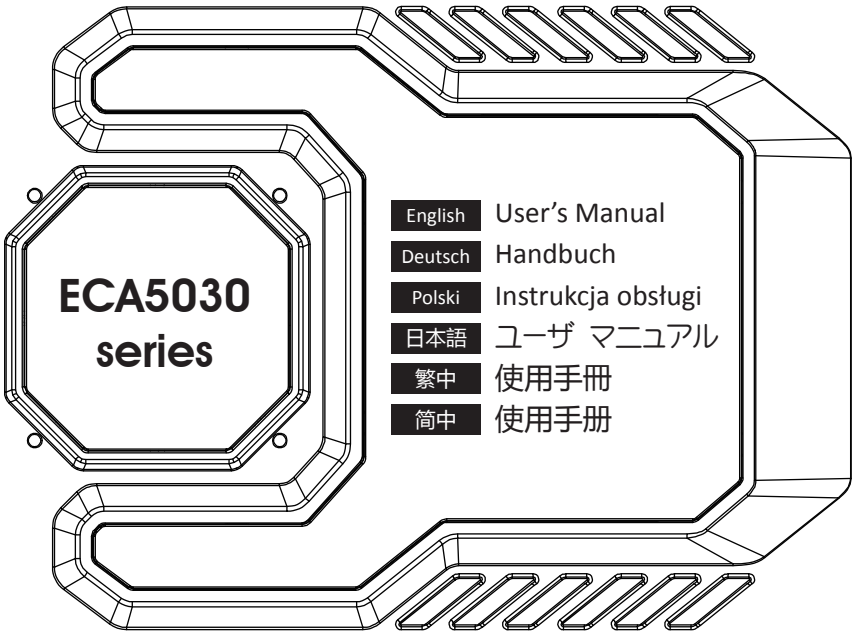
THERMAX GIANT



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2.3 How to Install Power Supply	5
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Suggested Height of CPU Cooler and length of VGA card –16

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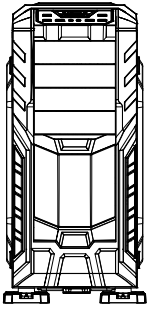
Cable Connection Description –17

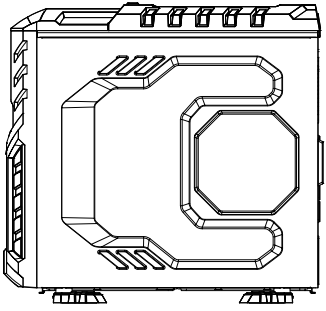
CHAPTER 1

- Product Overview
- Produkteinführung
- Opis produktu
- 製品の説明
- 產品概觀
- 产品概观

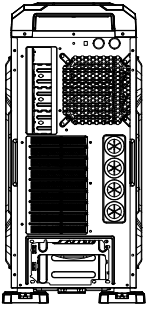
1.1 Product View
Produktskizze
Rozkład elementów
製品ビュー
產品外觀
产品概观



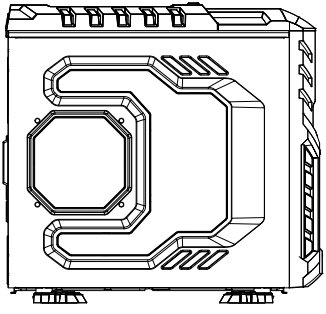
Front



Right

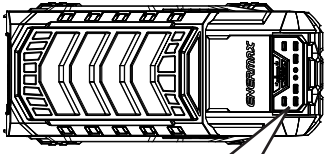


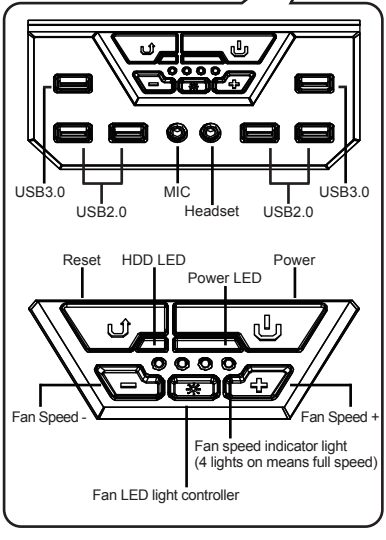
Rear



Left

Top

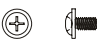
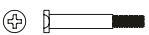




1.2 Specs
Technische Daten
Dane techniczne
スペック
產品規格
产品规格

Model Number		ECA5030 series
Dimensions (mm)		D546 x W264 x H557mm
I/O		2 x USB3.0 + 4 x USB2.0, HD Audio, 4 fans 4 steps speed controller & 4 fans LED light controller
M/B		E-ATX, ATX, Micro-ATX
Power Supply		ATX12V (Optional)
Drive Bays	5.25”	4
	3.5”	6 (1 x 3.5” converted from 5.25” adapter)
	2.5”	8 (5 from the 3.5” HDD trays; 2 converted from 5.25” adapter; 1 behind M/B plate)
Expansion Slots		9
Fan Slots	Front	1 x 180 / 200mm (1 x 180mm VEGAS Blue LED fan pre-installed)
	Rear	1 x 120 / 140mm (1 x 120mm Twister Bearing fan pre-installed)
	Top	3 x 120mm / 2 x 140mm / 1 x 180mm / 1 x 200mm (optional)
	Side	Acrylic window + 1 x 180 / 200mm (1 x 180mm VEGAS Blue LED fan pre-installed)
	Bottom	2 x 120mm (optional)
Maximum CPU cooler height		194mm
Liquid cooler Support		Top: 120 / 240 / 280 / 360mm liquid cooler Bottom: 120 / 240mm liquid cooler

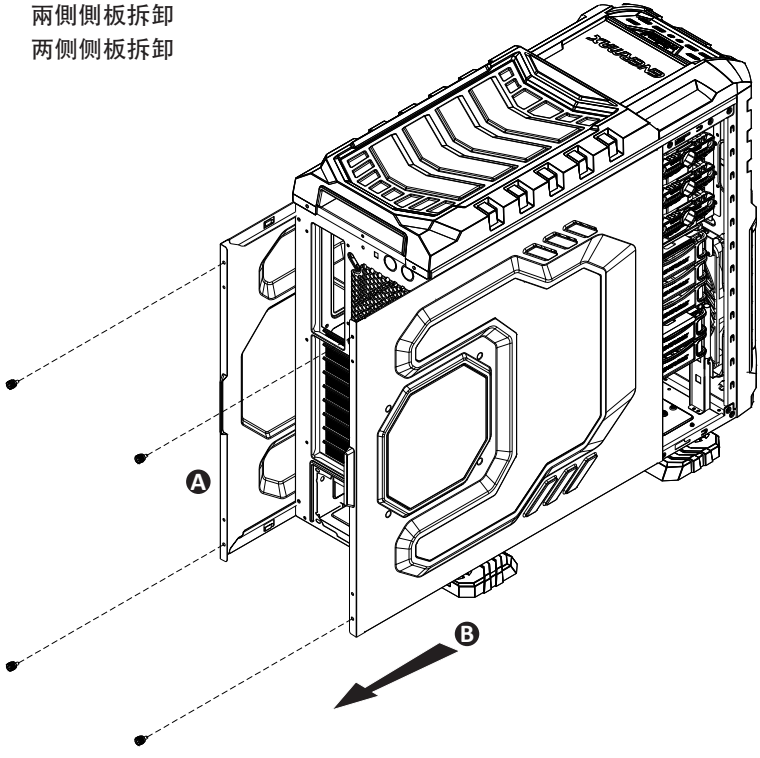
1.3 Accessories
Zubehör
Wyposażenie
アクセサリ
零件盒
零件盒

Figure	Parts Name	Q'ty	Purpose
	3.5“ / 2.5” Adapter	1	3.5" HDD / 2.5" SSD expansion
	Speaker	1	Motherboard Alarm
	Cable tie	10	Settle Cable
	Stand-off M3	7	Motherboard
	Screw M3 x 5 mm	28	Motherboard / 5.25” ODD
	Screw #6-32 x 5 mm	10	3.5" HDD (HDD Tray)
	Screw M3 x 5 mm	30	2.5” SSD(HDD Tray, 3.5” / 2.5” Cage / 2.5” slots behind M/B)
	Screw ϕ5 x 10 mm	20	Fan Screws
	Screw M3 x 0.5P x 29 mm	1	Front Fan(4 are pre-installed)
	Screw #6-32 x 6L	8	Power Supply / 3.5” HDD (5.25” to 3.5” cage)

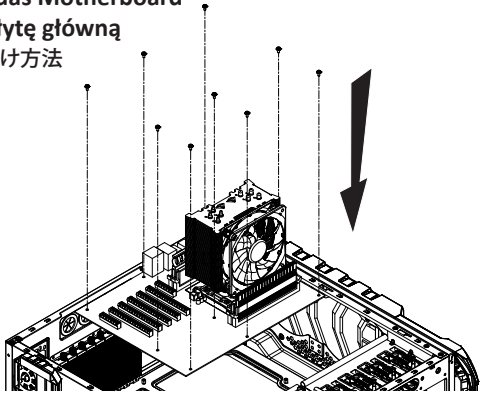
CHAPTER 2

- **Installation Guide**
- **Montageanleitung**
- **Instrukcja montażu**
- 取り付けの説明
- 組裝說明
- 组装说明

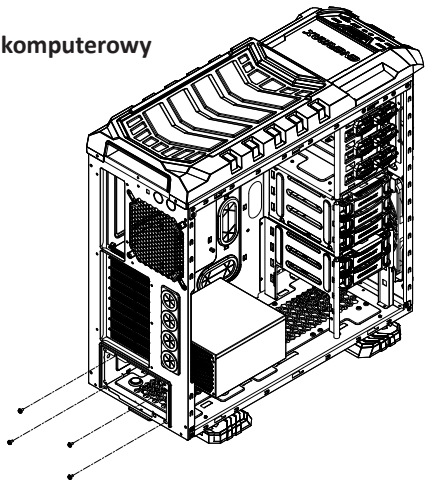
2.1 How to Remove Both Side Panels
Entfernen der Seitenwände
Demontaż panelów bocznych
両サイドパネルの取り外し
兩側側板拆卸
两侧侧板拆卸



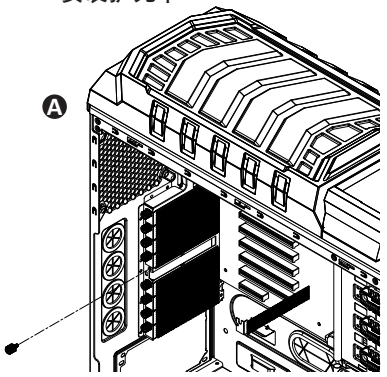
2.2 How to Install the Motherboard
So installieren Sie das Motherboard
Jak zamontować płytę główną
マザーボードの取り付け方法
安裝主機板
安装主机板

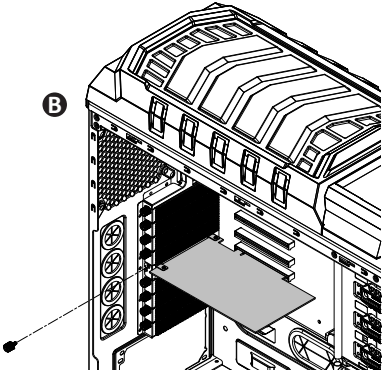


2.3 How to Install Power Supply
Netzteileinbau
Jak zainstalować zasilacz komputerowy
電源取り付け方法
安裝電源供應器
安装电源供应器

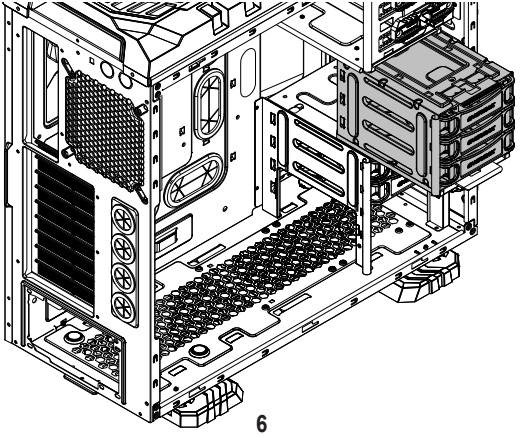


2.4 How to Install Add-on Cards
Installation von Erweiterungskarten
Instalacja kart rozszerzenia
アドオンカードの取り付け
安装擴充卡
安装扩充卡



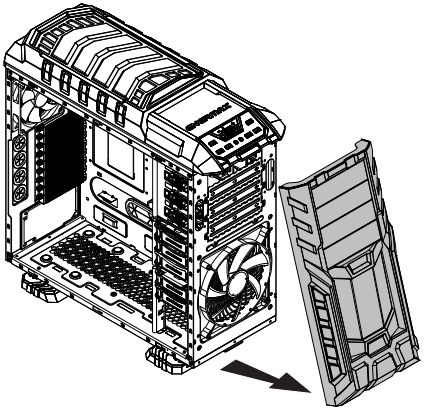


Removable upper HDD cage to fit longer Add-on cards



2.5 How to Install Optical Drive
Installation von optischen Laufwerken
Instalacja napędów optycznych
光学ドライブの取り付け
光碟機安裝
光盘安装

Ⓐ



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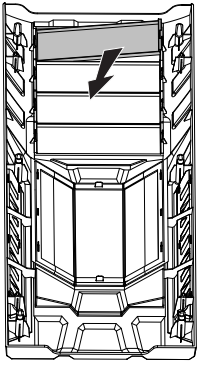

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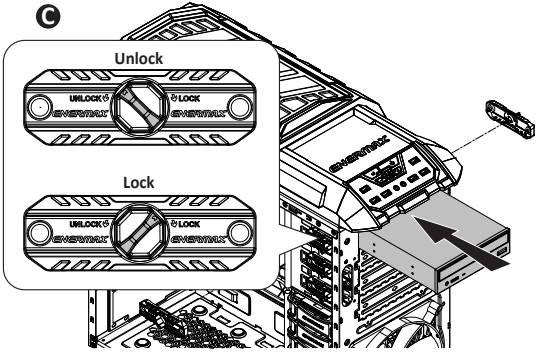

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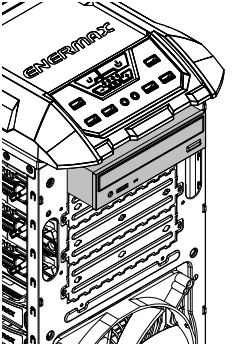
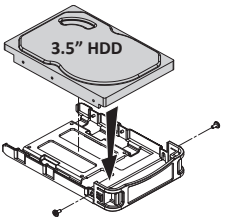
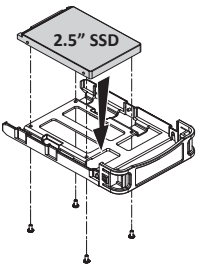
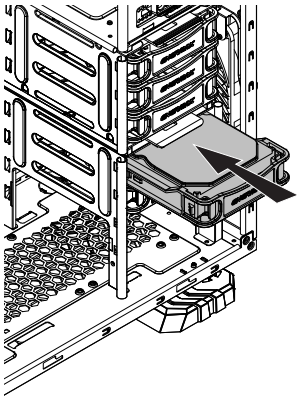


2.6 How to Install Internal 2.5“ & 3.5“ Device
Installation von internen 2,5“- und 3,5“-Laufwerken
Instalacja wewnętrznych napędów 2.5“/3.5“
内部2.5インチと3.5インチデバイスの取り付け
安裝隱藏之3.5”/2.5”裝置
安裝隐藏之3.5”/2.5”装置

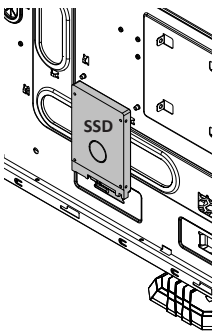




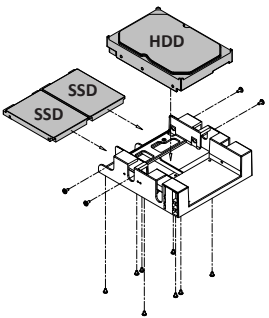


5.25” to 3.5”/2.5” adapter

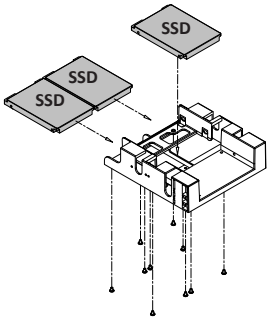
2.5” SSD slot behind M/B tray



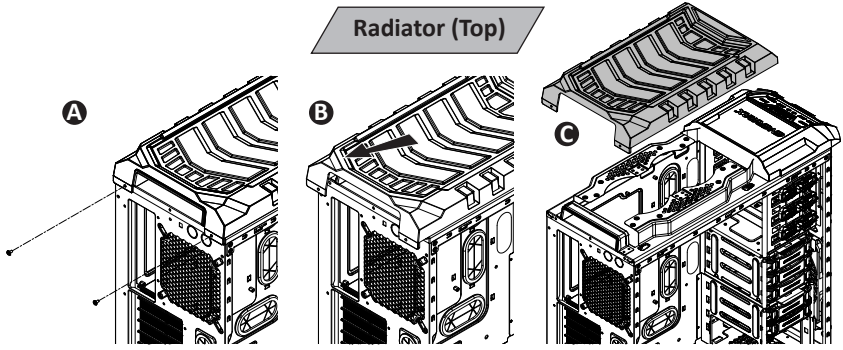
5.25" to 1 x 3.5” + 2 x 2.5”



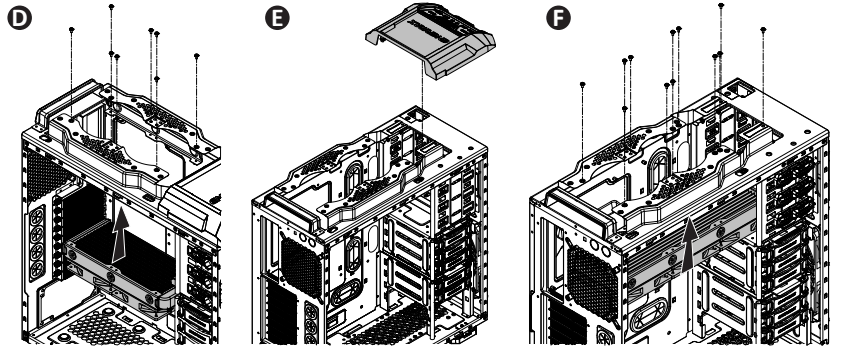
5.25" to 3 x 2.5”



2.7 How to Install the Radiators
Installation eines Radiators
Instalacja radiatora
ラジエーターの取付方法
安装水冷散熱器
安装水冷散热器

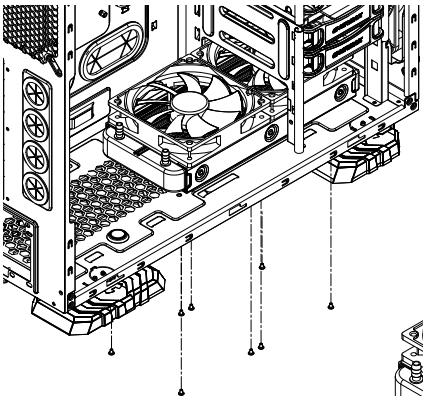


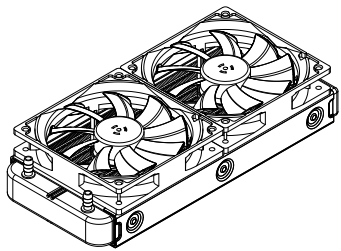
240mm radiator **360mm radiator**



Radiator (Bottom)

240mm radiator

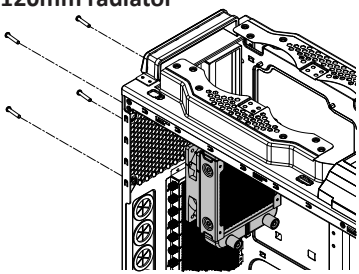




*Top and bottom radiator clearance: 60mm thickness
*240mm radiator at bottom PSU length suggestion≦180mm
*240mm radiator at bottom tube length suggestion≧500mm

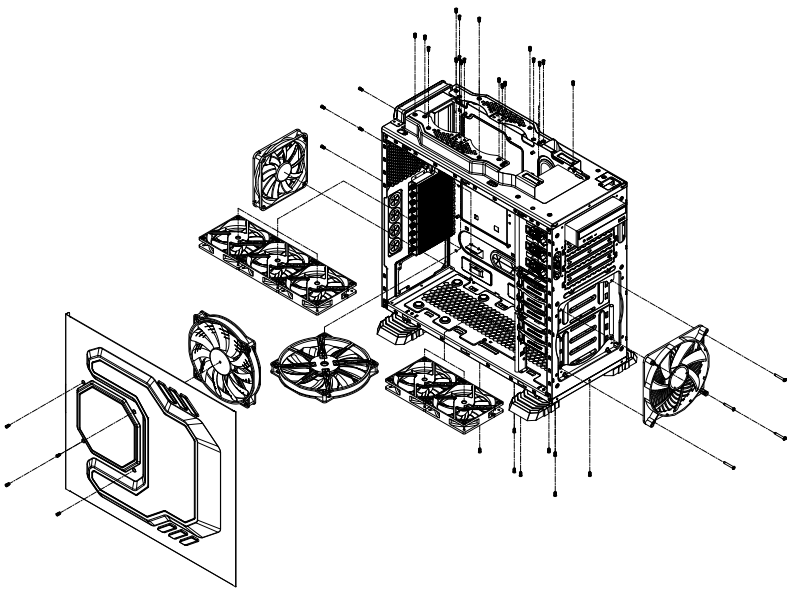
Radiator (Rear)

120mm radiator



When installing 120mm radiator at rear,
it may conflict with 180 / 200mm fan at the side

2.8 How to Install System Fans
Installation der Systemlüfer
Instalacja wentylatorów systemu
ケースファンの取り付け
機箱風扇安裝
机箱风扇安装



Notice:

Fan thickness under 20mm is suggested. However, the actual clearance may differ due to the height of heat sink or back plate on the backside of motherboard. Please confirm possible thickness for fan after completing installation.

Es wird eine Lüftertiefe von unter 20 mm empfohlen.
Der tatsächliche Abstand kann je nach Höhe des CPU-Kühlkörpers oder der Rückenplatte des Mainboards unterschiedlich ausfallen. Bitte überprüfen Sie die Lüftertiefe nach der fertigen Installation.

Sugerowana grubość wentylatora to 20mm. Jednakże wartość końcowa może być nieco inna, ze względu na wysokość schładzacza procesora, podkładki mocującej na spodzie płyty głównej.
Wyboru odpowiedniej grubości wentylatora należy dokonać po zmontowaniu pozostałych komponentów komputera.

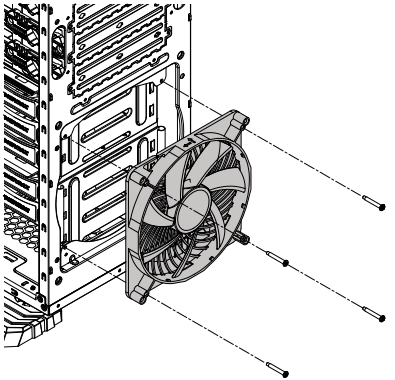
厚さ20mm未満のファン推奨ですが、マザーボード背面のヒートシンクやバックプレートの高さにより若干異なります。CPUクーラーなどを設置した後、クリアランスを確認し設置可能なファンをお選びください。

建議風扇厚度20mm以下。然而可容納之風扇厚度會隨所安裝之主機板背面散熱片或背板之高度而不同，請於系統安裝完畢後，再行確認可容納之厚度。

建议风扇厚度20mm以下。然而可容纳之风扇厚度会随所安装之主机板背面散热片或背板高度而不同。请于系统安装完毕后，再行确认可容纳之厚度。

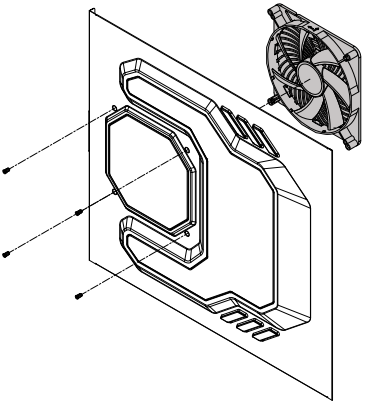
Fan (Front)

1 x 180/ 200 mm fan



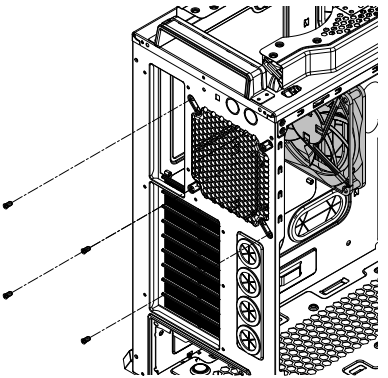
Fan (Side)

1 x 180/ 200 mm

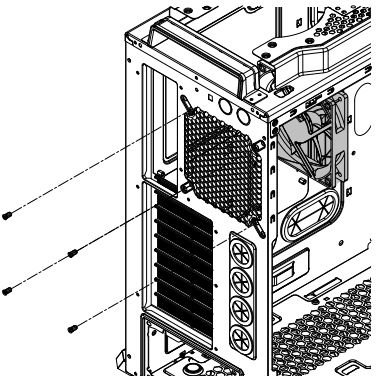


Fan (Rear)

1 x 140 mm

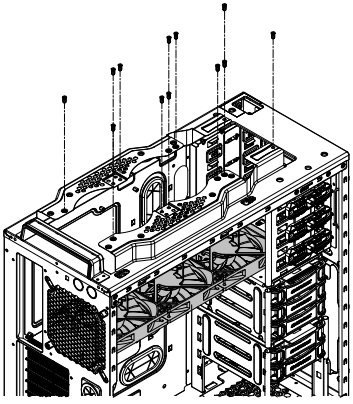


1 x 120 mm

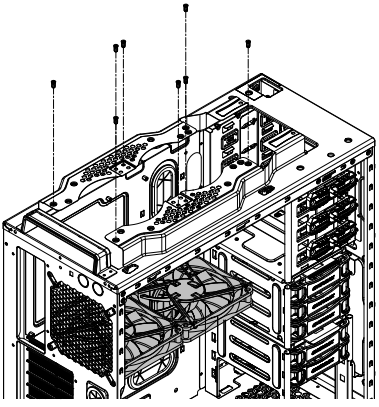


Fan (Top)

3 x 120 mm

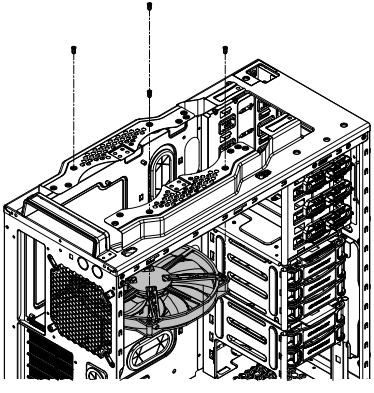


2 x 140 mm

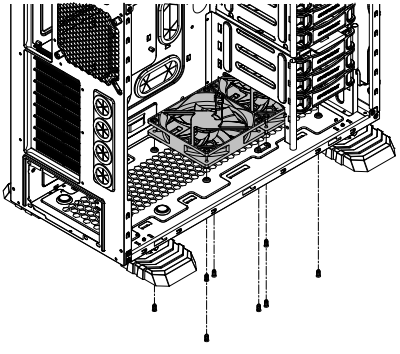


Fan (Bottom)

1 x 200/180 mm

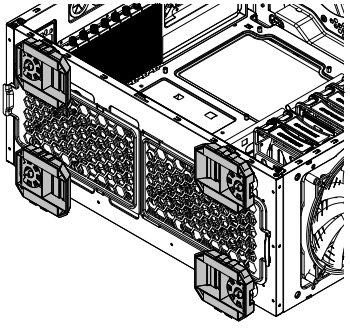


2 x 120 mm



2.9 360 Degree Rotatable Foot Stands
Um 360° drehbare Standfüße
Nóżki obrotowe 360°
360度回転可能なフットスタンド
360度可旋轉腳座
360度可旋转脚座

Ⓐ



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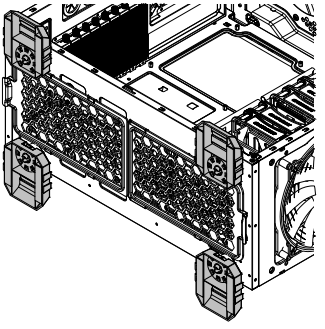
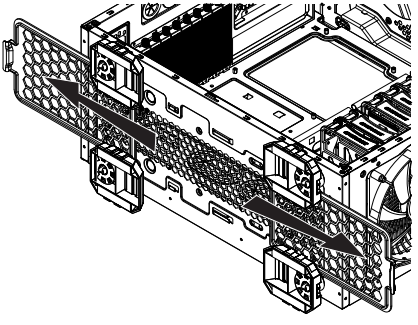
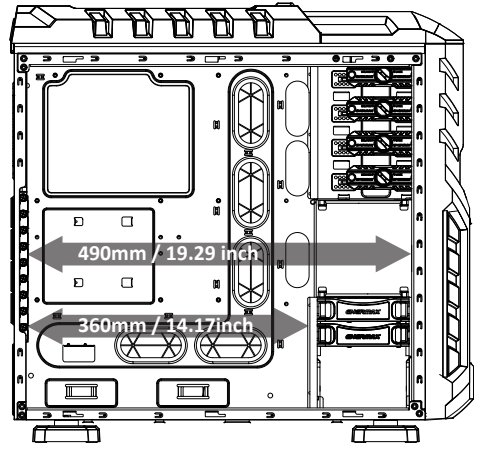


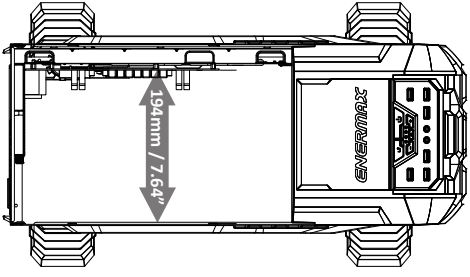
2.10 How to Clean the Dust Filter
Staubfilter reinigen
Jak czyścić filtr przeciwpyłowy
ダストフィルターの洗浄について
清洗沖孔網
清洗冲孔网



CHAPTER 3

- **Suggested Height of CPU Cooler and Length of VGA card**
- **Empfohlene Höhe des CPU-Kühlers und Länge der Grafikkarte**
- **Polecana wysokokość coolerów CPU oraz długość kart graficznych**
- CPUクーラーの高さとVGAカードの長さについて
- CPU散熱器高度及顯示卡長度建議
- CPU散热器高度及显示卡长度建议

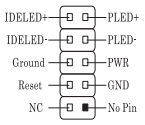
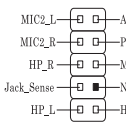
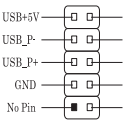
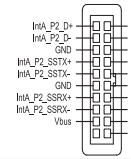




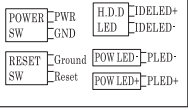
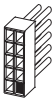
CHAPTER 4

- **Cable Connection Description**
- **Anschlussübersichtg**
- **Przewody w obudowie**
- ケーブル接続の説明
- 線材安裝說明
- 线材安装说明

Motherboard

Panel Connector	High Definition Audio (Azalia)	USB 2.0 Connector	USB 3.0 Connector
			

Cable

Panel Connector	HD Audio Connector	USB 2.0 Connector	USB 3.0 Connector
			

Notice:

- On some motherboards, the connectors might not be exactly the same as the drawings above, please check with your motherboard manual before installing
- Bei einigen Mainboards ist der Stecker unter Umständen nicht identisch mit dem auf der Zeichnung oben.
- Wtyczki niektórych płyt głównych mogą odróżniać się od tych na rysunku powyżej. Proszę również przeczytać instrukcję obsługi płyty głównej przed instalacją.
- マザーボードによってはコネクタ類の形状が上の図面と異なる場合がございます。詳しくはマザーボードの取扱説明書をご参照ください。
- 圖面所示之線材可能與使用之主機板不儘相同，安裝前請參考主機板廠所提供之說明書。
- 图面所示之线材可能与使用主机板不尽相同，安装前请参考主板厂所提供之说明书。

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